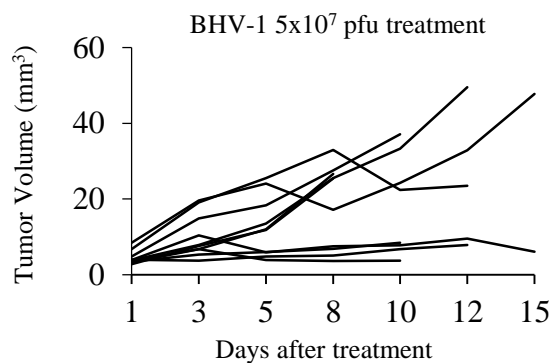
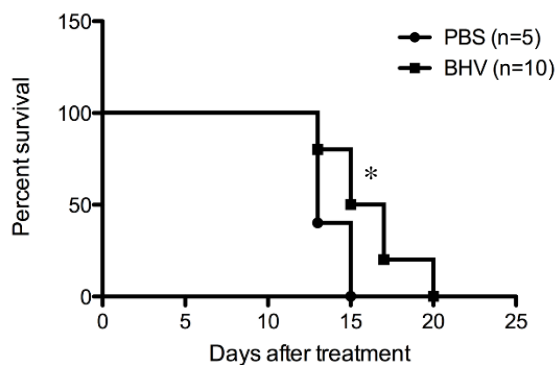
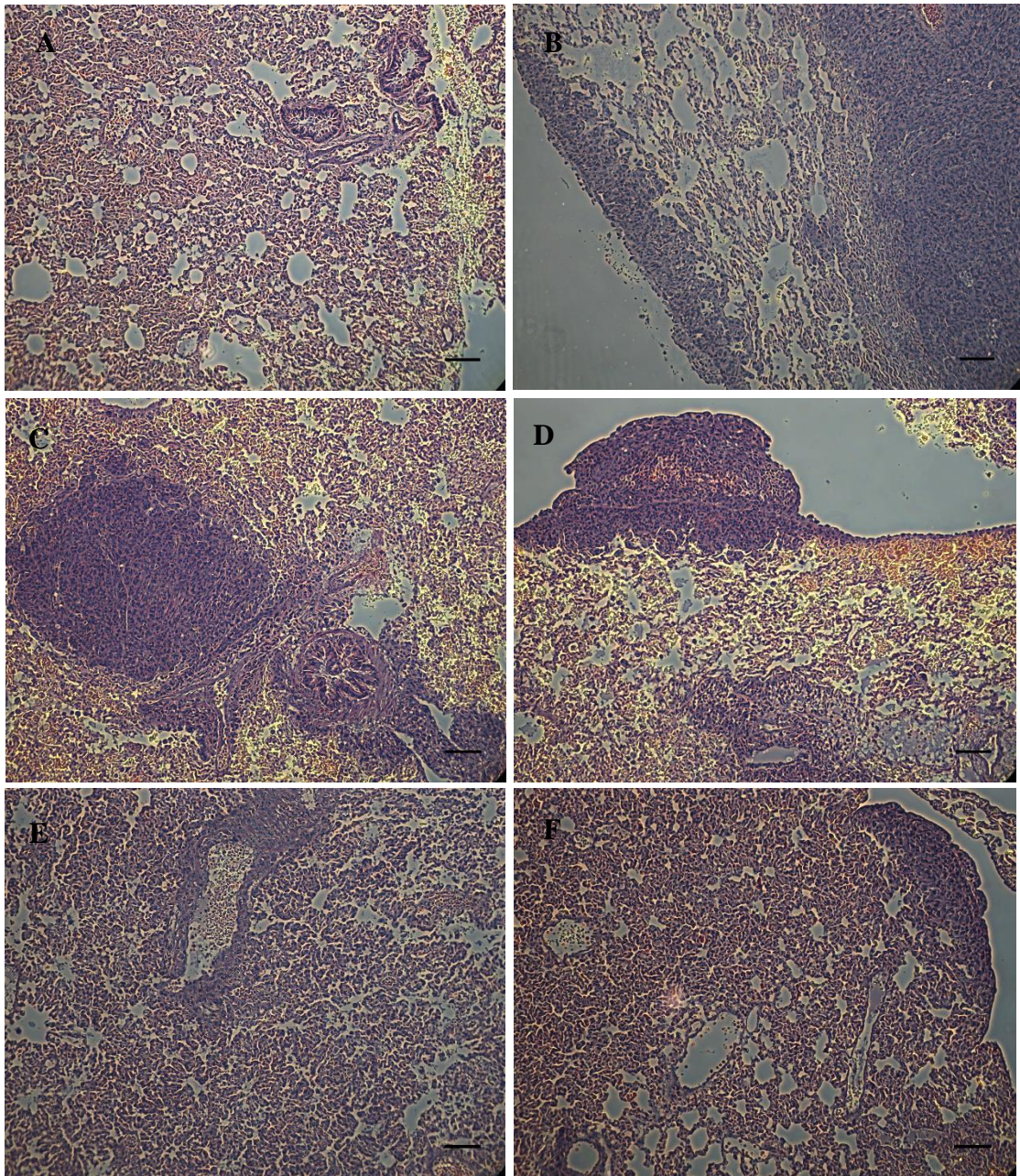


Supplementary Figure 1S. Subcutaneous LCRT breast adenocarcinomas on the right flank of cotton rats. 5×10^5 LCRT cells were implanted into cotton rats by subcutaneous injection. When tumors reached treatable size they were treated with **(a)** PBS; **(b)** 5×10^6 pfu BHV-1 intratumorally, one dose daily for 5 days; **(c)** 5×10^7 pfu BHV-1 intratumorally, one dose daily for 5 days; **(d)** 5-Aza (2 mg/kg) intraperitoneal one day before intratumoral BHV-1 (5×10^6 pfu) injections, one dose daily for 5 days. Tumors were measured every two days until animals reached end point.



Supplementary Figure 2S. Kaplan-Meier survival curves of cotton rats bearing subcutaneous LCRT tumors. 5×10^5 LCRT cells were implanted into cotton rats by subcutaneous injection. When tumors reached treatable size they were treated with 5×10^7 pfu BHV-1 intratumorally, one dose daily for 5 days. Tumors were measured every two days until animals reached end point. Kaplan-Meier estimates of survival (left) and tumor volumes (right) of cotton rats for each treatment regimen are shown.



Supplementary Figure 3S. Representative histologic analysis of lung metastases from BHV-1 treated cotton rats. Lungs were excised from (**a and b**) BHV-1 (5×10^6 pfu), (**c and d**) BHV-1 (5×10^7 pfu) and (**e and f**) combination therapy (5-Aza and BHV-1 5×10^6 pfu) treated animals at endpoint, fixed and H&E stained for histological analysis. All images were captured at 10x magnification with a Leica DM IRE2 microscope. Scale bars = 1 mm.



Supplementary Figure 4S. Subcutaneous LCRT breast adenocarcinoma harvest from a combination therapy treated cotton rat. 5×10^5 LCRT cells were implanted into cotton rats by subcutaneous injection. When tumors reached treatable size they were treated with 5-Azacytidine (2 mg/kg) pre-treatment 1 day prior to intratumoral injection of 5×10^6 pfu BHV-1, one dose daily for 5 days. Tumors were excised at endpoint and preserved in 10% neutral buffered formalin for histology.